

Next Generation
INVERTER
DUCTED SYSTEM
Heat Pump



All weather air conditioning system for both summer cooling and winter heating for commercial applications

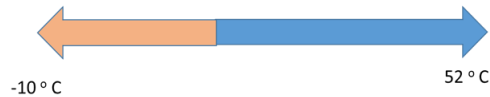
- Advanced Inverter Compressors

- ❖ Less power consumption
- ❖ Low starting Current
- ❖ Lower generator capacity
- ❖ Precise Temperature control



- Wide Operating Ambient Temperature Range

- ❖ Cooling : 10 ° C to 52 ° C
- ❖ Heating: -10 ° C to 24 ° C



- Longer piping design (60 m) for enhanced aesthetics



- Advanced controller with touch screen handset and Wireless option

- Group Control and BMS options



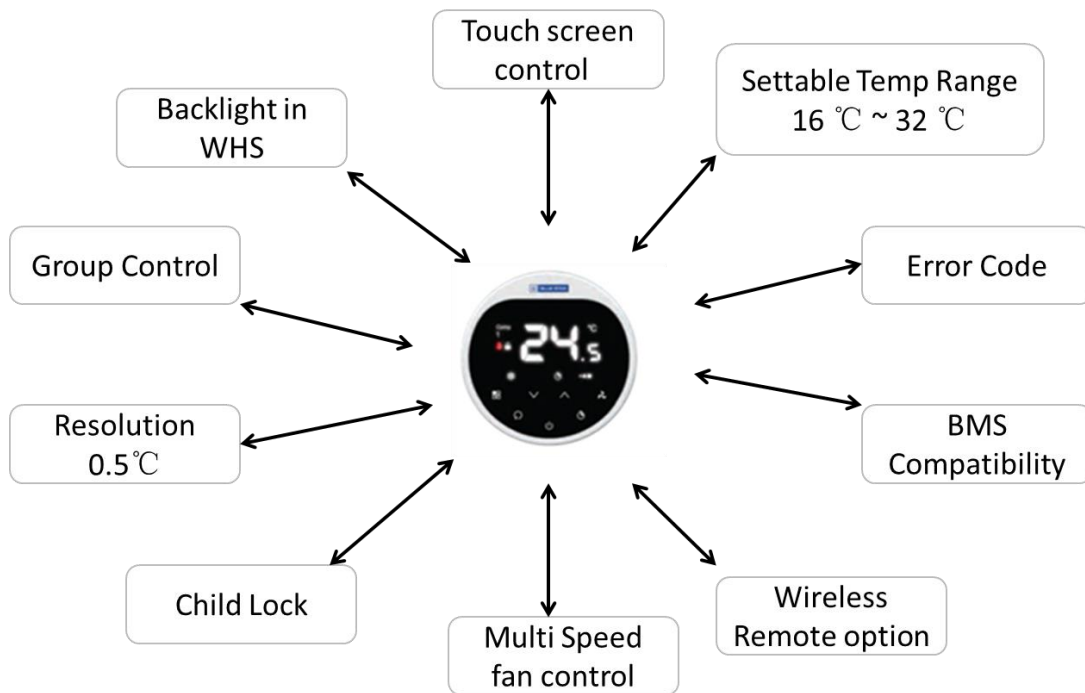


Coated Blue Fins for indoor and outdoor units



3000 steps EXV for precise temperature control

Controller Features



Technical Data - Heat Pump Inverter Ducted System				
DESCRIPTION	UNITS	DSAI-661R3H	DSAI-1021R3H	DSAI-1321R3H
Nominal Capacity	HP	7	11	14
	TR	5.5	8.5	11
	Btu/Hr.	66000	102000	132000
Nominal Evaporator Air Quantity	CMH	3740	5780	7480
	CFM	2200	3400	4400
Refrigerant		R410A		
Operating Temperature Range	Cooling Mode	10 °C - 52 °C		
	Heating Mode	-10 °C - 24 °C		
Electrical Power Supply	V/Ph/Hz	415 V, 3 ph, 50Hz, AC Supply		
External Finish		Pure Polyester Powder Coated GI Steel		
Capacity Control		Stepless		
INDOOR UNIT				
Dimensions- W X H X D	mm	1140 X 485 X 630	1485 X 485 X 630	1840 X 485 X 630
Net Weight	kg.	55	75	90
Electrical Power Supply	V/Ph/Hz	220V , 1 phase , 50 Hz AC Supply		
Type of Blower		Centrifugal forward curved Double Inlet Double Width		
Air Filter		Non Woven Polyester Media enclosed by HDPE Mesh		
Controller		Microprocessor based with touch screen handset		
OUTDOOR UNIT				
Quantity	No.	1	1	1
Dimensions - W X D X H	mm	1320 X 420 X 925	1320 X 420 X 1495	1320 X 420 X 1495
Net Weight	kg.	125	155	165
Compressor Type		Hermetically sealed Rotary DC Inverter		
Electrical Power Supply	V/Ph/Hz	415 V, 3 ph, 50Hz, AC Supply		
Condenser Fan Type		Propeller		

Specifications are subject to change without any prior notification

